



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : October 7, 2003  
P. Raghavan et al. : Group Art Unit: 2776  
Serial No.: 09/449,697 : Examiner: Matthew J. Ludwig  
Filed: 11/24/1999 : San Jose, California

Title: METHOD AND SYSTEM FOR TRAWLING THE  
WORLD-WIDE WEB TO IDENTIFY IMPLICITLY-DEFINED  
COMMUNITIES OF WEB PAGES

**ASSOCIATE POWER OF ATTORNEY**

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Please recognize Mark C. McCabe (#53,291) as associate  
attorney in the above-identified application and direct all future  
correspondence to the following:

Mark C. McCabe  
IBM Corporation  
Intellectual Prop. Law C4TA/J2B  
650 Harry Road  
San Jose, CA 95120-6099

Phone: (408) 927-3380  
Fax: (408) 927-3375

Respectfully submitted,

P. Raghavan et al.

By Khanh Q. Tran  
Khanh Q. Tran (#41,352)  
Attorney for Applicants  
Phone (408) 927-3365

AM9990203

FILING RECEIPT



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/449,697	11/24/99	2776	\$1,102.00	AM9990203	3	39	3

KHANH Q TRAN  
IBM CORPORATION  
INTELLECTUAL PROPERTY LAW  
650 HARRY ROAD (C4TA/J2B)  
SAN JOSE CA 95120-6099

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) PRABHAKAR RAGHAVEN, SARATOGA, CA; SRIDHAR RAJAHGOPALAN,  
SAN JOSE, CA; SHANMUGASUNDARAM RAVIKUMAR, SAN JOSE, CA;  
ANDREW S. TOMKINS, SAN JOSE, CA.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 01/03/00  
TITLE  
METHOD AND SYSTEM FOR TRAWLING THE WORLD-WIDE WEB TO IDENTIFY  
~~IMPLICITLY-DEFINED~~ COMMUNITIES OF WEB PAGES  
IMPLICITLY-DEFINED  
PRELIMINARY CLASS: 707

BEST AVAILABLE COPY

DATA ENTRY BY: BRITTON, PAULA

TEAM: 03 DATE: 01/03/00

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(See reverse for new important information)